

ABSTRACT

A method of operating a basic industrial plant complex efficiently utilizing energy, products, byproducts, and waste materials between the basic industrial plants as a whole to totally improve energy efficiency and contribute to energy saving. The basic industrial plant complex comprises basic industrial plants including an oil refining plant, an oil-fired power plant, a cement plant, a steelmaking plant constructed so as to be in close proximity to or adjacent to each other. The basic industrial plants are combined through a transporter for partially or completely supplying product, byproduct or waste material from a plant in the complex as a fuel, power source, and/or raw material to products for another plant in the complex.